

In The Claims

Please cancel claim 1 and amend the claims by adding new claims as stated below. A marked up version of the new claims is attached hereto as Appendix C.

- 1 ~~2.~~ A silicon-coated paper having a printable side treated with a mixture of glue comprised of acrylic polymer binder and dioctyl phthalate.

- RP
BA
(MTH)
- 2
3. The silicon-coated paper of Claim 1 further comprising a slippery texture formed by the mixture of glue comprising acrylic polymer binder and dioctyl phthalate.

- 3
4. A method of making a removable and reusable decorative sticker comprising the steps of:
- a. silk screening to form a print on a combination of an adhesive layer and polymer plastisol formed of a mixture of acrylic polymer binder, starch, polyvinyl chloride and dioctyl phthalate and then
 - b. passing the combination by conveyor means through an infrared heated dryer and forming thereby a single bonded layer.
- 16 2 B

4
5.

A method of making a decorative sticker with a real-life-like photo image thereon, comprising the steps:

- a. inkjet printing to form an image on a combination of an adhesive layer and polymer plastisol formed of a mixture of acrylic polymer binder, starch, poly vinyl chloride and dioctyl phthalate and then
- b. passing the combination by conveyor means through an infrared heated dryer and forming thereby a single bonded layer.

6
5
6.

A sticker construction comprising the combination of:

- a. a silicon coated paper;
- b. a polymer adhesive layer;
- c. biodegradable plastisol film layer;
- d. an inkjet printed image layer and
- e. a plastisol embossing layer.

6
7.

A sticker construction comprising the combination of:

- a. a silicon coated paper;
- b. a polymer adhesive layer applied to the silicon coated paper;
- c. a biodegradable plastisol film layer consisting of a

17

B

mixture of:

- (i.) twenty percent by weight of polyvinyl chloride;
 - (ii.) thirty percent by weight of dioctyl phthalate;
 - (iii.) twenty percent by weight of acrylic polymer binder rubber resin;
 - (iv.) twenty percent by weight of starch resin and
 - (v.) ten percent by weight of resin catalyst;
- d. a inkjet printed image layer and
- e. a plastisol embossing layer.

BT
(mt) 8.

A sticker construction comprising:

- a. a silicon-coated paper forming the base of the sticker, said base having a top portion and a bottom portion;
- b. a polymer adhesive layer, said polymer adhesive layer having a top portion and a bottom portion, wherein said bottom portion is bonded to the top portion of said base;
- c. a biodegradable plastisol film layer, said plastisol film layer having a top portion and a bottom portion, wherein said bottom portion is bonded to the top portion of said polymer adhesive layer;
- d. a inkjet printed image layer, said image layer having a top portion and a bottom portion, wherein said bottom

18

B

- portion is bonded to the top portion of said biodegradable plastisol film layer and
- e. a plastisol embossing layer, said plastisol embossing layer having a top portion and a bottom portion, wherein said bottom portion is bonded to the top portion of said inkjet printed image layer.

8
9.

A method of sticker construction, comprising the steps of:

- a. coating the printable side of a sheet of silicon coated paper with a mixture of glue consisting of acrylic polymer binder and dioctyl phthalate to produce a non-slippery texture;
- b. drying said mixture of glue consisting of acrylic polymer binder and dioctyl phthalate;
- c. applying an adhesive layer and polymer plastisol to the printable side of a sheet of silicon coated paper;
- d. heating said adhesive layer and polymer plastisol to bond said adhesive layer and polymer plastisol to said glue acrylic polymer binder and dioctyl phthalate;
- e. applying a mixture of 80% by weight of plastisol, 10% by weight of acrylic polymer rubber resin and 10% by weight of biodegradable starch resin to said adhesive layer and polymer plastisol bonded to the printable

side of a sheet of silicon coated paper;

- f. heating said mixture of plastisol, acrylic polymer rubber resin and biodegradable starch resin applied to said adhesive layer and polymer plastisol to bond with said mixture and adhesive layer and polymer plastisol;
- g. applying an image by inkjet printing to said plastisol, acrylic polymer rubber resin and biodegradable starch resin;
- h. embossing said image created by inkjet printing by applying a polymer starch plastisol to said image created by inkjet printing to protect and preserve said image and
- i. heating the polymer starch plastisol to fix the embossing.

9
10. The method of sticker construction of claim 8 wherein the step of drying said mixture of glue consisting of acrylic polymer binder and dioctyl phthalate by heating said mixture of glue consisting of acrylic polymer binder and dioctyl phthalate to a temperature from 60 to 80 degrees Centigrade for a period of about ninety seconds.

10
11. The method of sticker construction of Claim 8 wherein the

step of applying an adhesive layer and polymer plastisol to the printable side of a sheet of silicon coated paper is accomplished by the process of silk screening printing said adhesive layer and polymer plastisol to the printable side of a sheet of silicon coated paper.

11
12.

The method of sticker construction of Claim 8 wherein the step of applying a mixture of 80% by weight of plastisol 10% by weight of acrylic polymer rubber resin and 10% by weight of biodegradable starch resin to said adhesive layer and polymer plastisol bonded to the printable side of a sheet of silicon coated paper is accomplished by the process of silk screen printing.

Boyle
(att)

12
13.

The method of sticker construction of Claim 8 wherein the step of heating said adhesive layer and polymer plastisol to bond said adhesive layer and polymer plastisol to said glue acrylic polymer binder and dioctyl phthalate is accomplished by heating said adhesive layer and polymer plastisol to bond said adhesive layer and polymer plastisol to said glue acrylic polymer binder and dioctyl phthalate to a temperature from 120 degrees to 150 degrees Centigrade until bonding occurs.

21

B